

 ~ 401  
One shot

FIG. 2

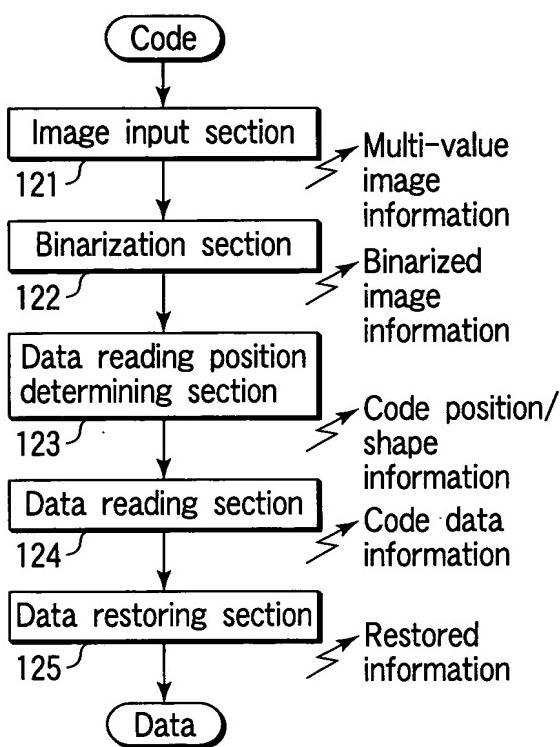


FIG. 3

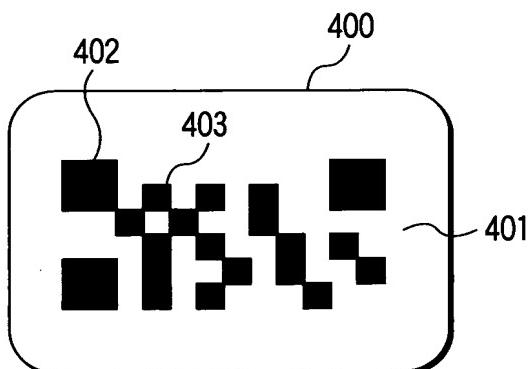


FIG. 4

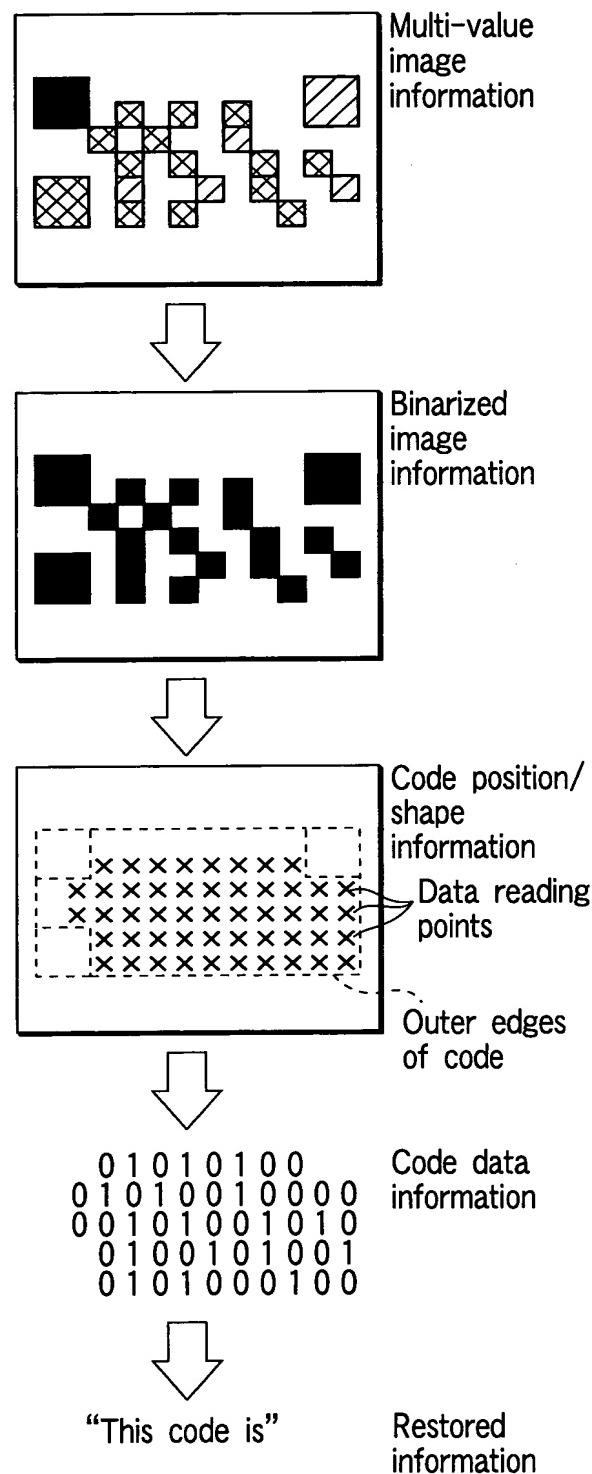
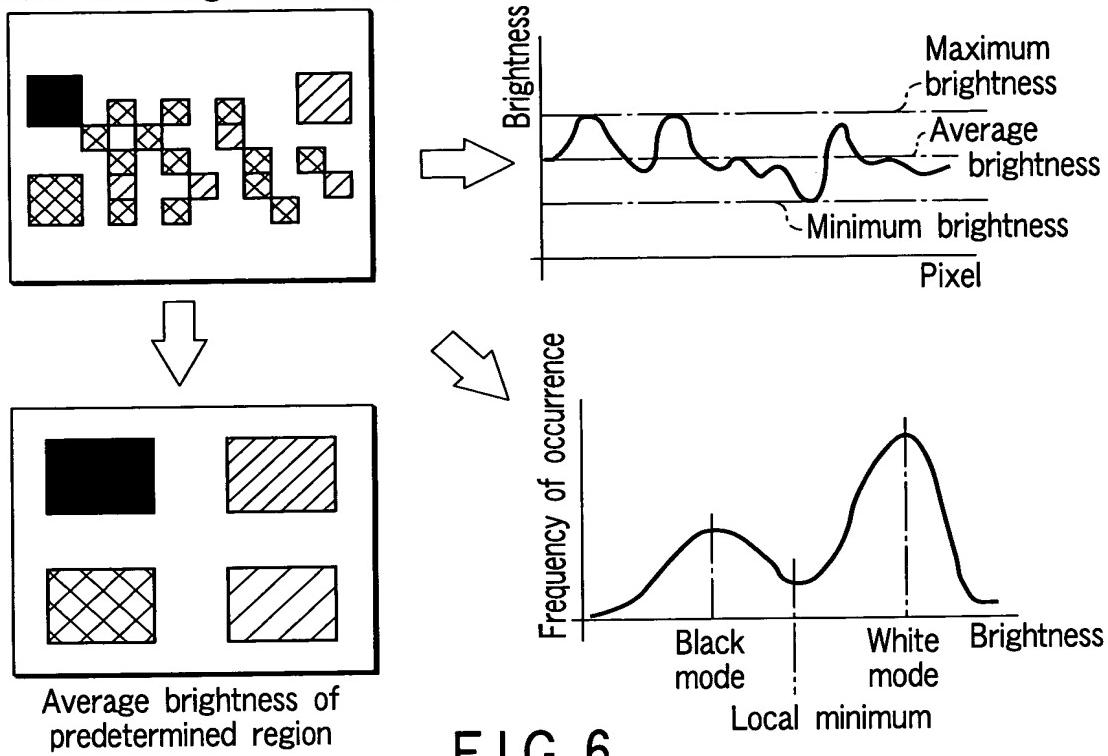


FIG. 5

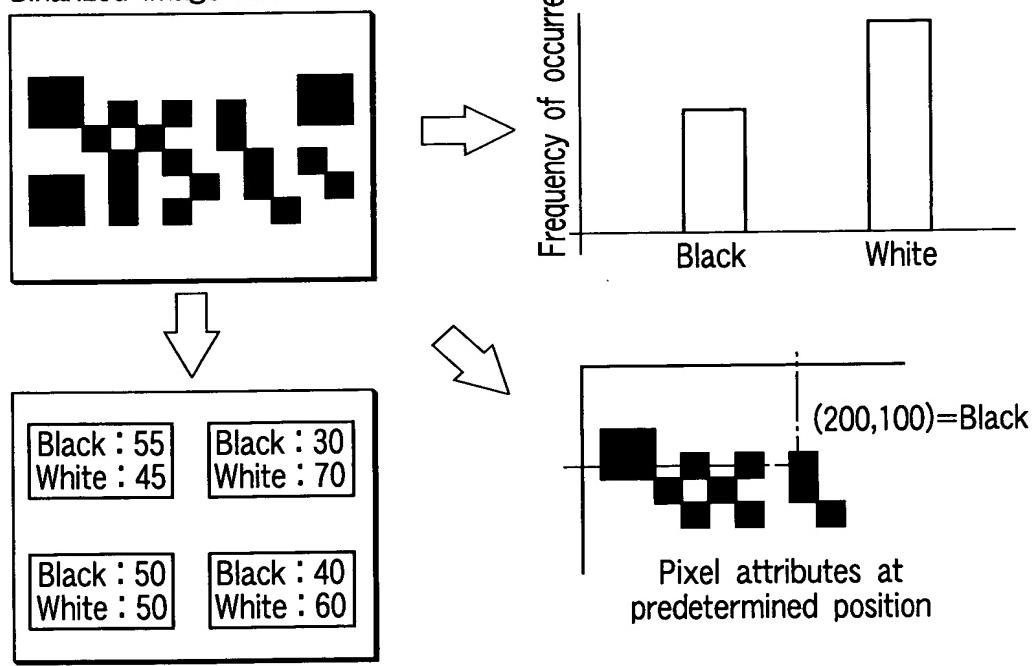
201000-2124980010

Multi-value image information

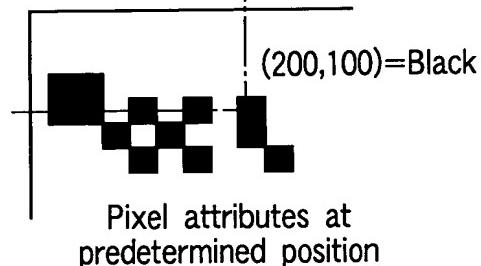


F I G. 6

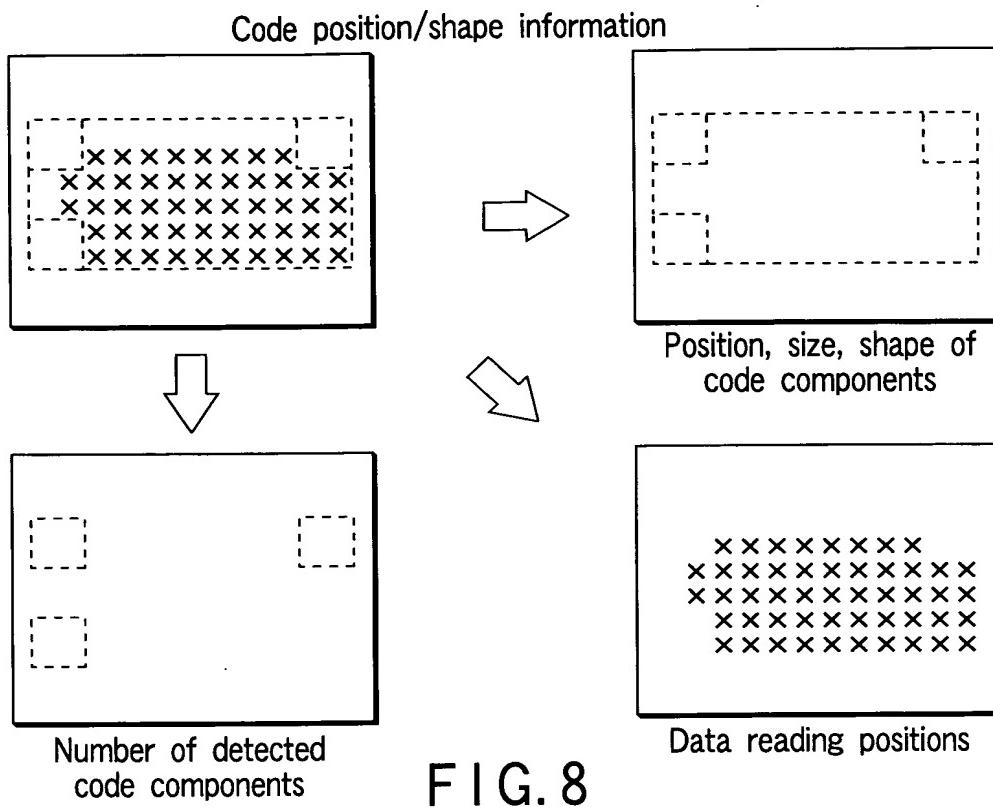
Binarized image information



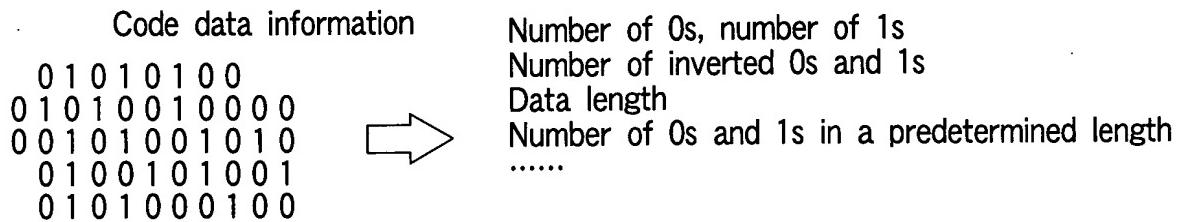
F I G. 7



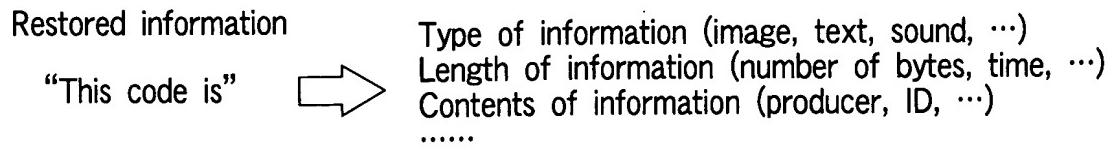
4026422 - 030102



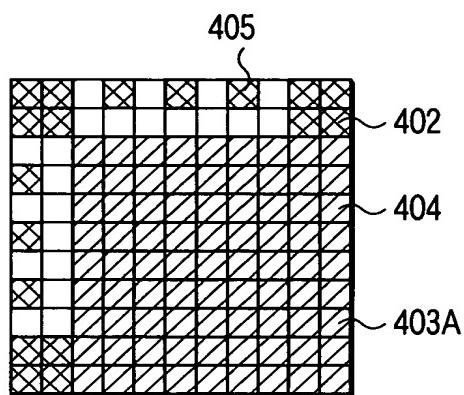
F I G. 8



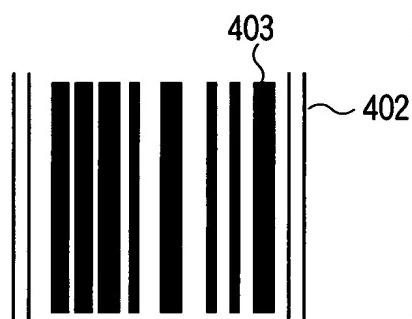
F I G. 9



F I G. 10

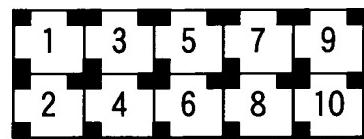


**FIG. 11**  
PRIOR ART

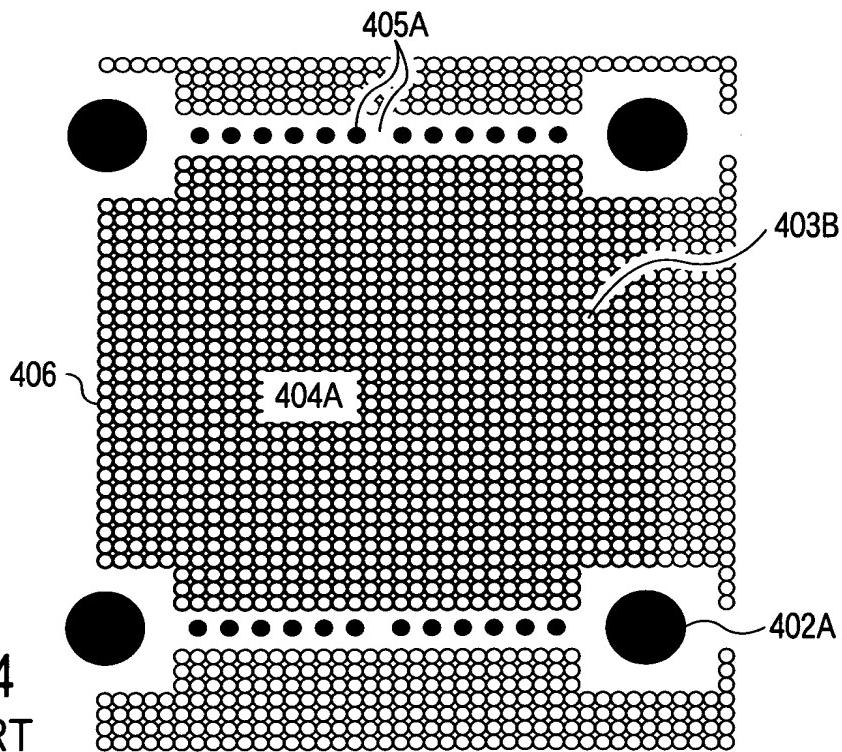


**FIG. 12**  
PRIOR ART

**FIG. 13**  
PRIOR ART



**FIG. 14**  
PRIOR ART



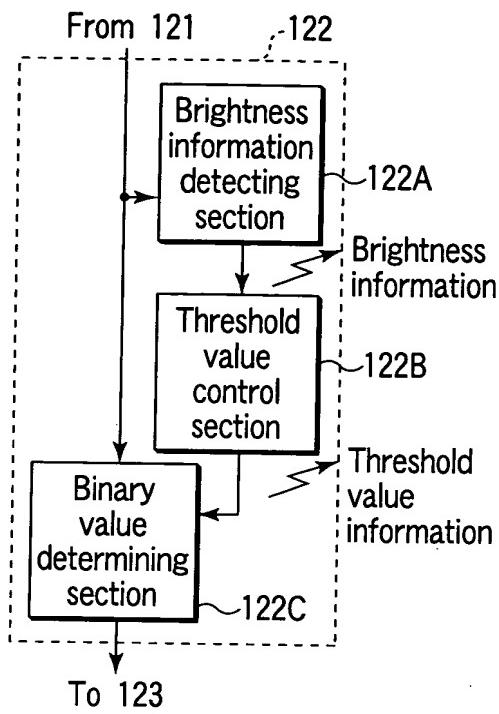


FIG. 15

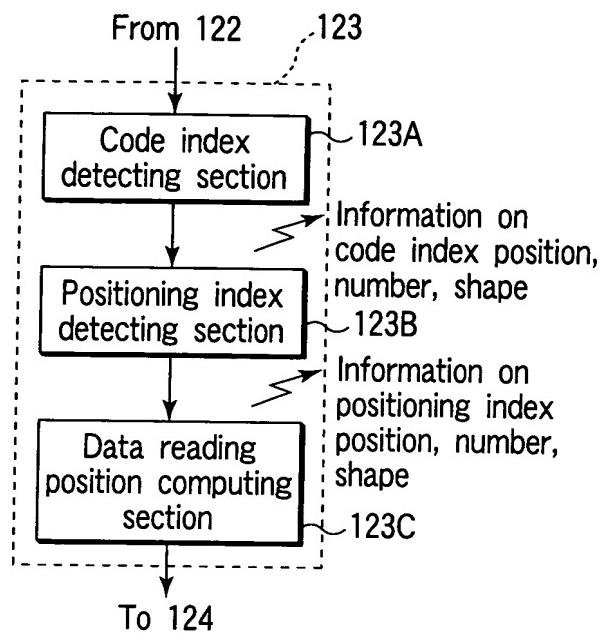


FIG. 16

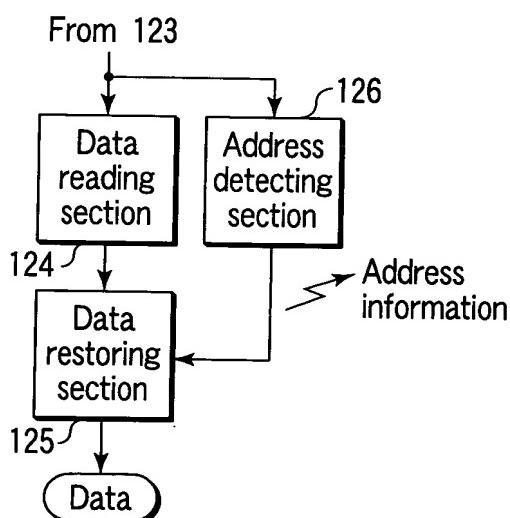
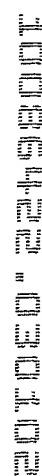


FIG. 17

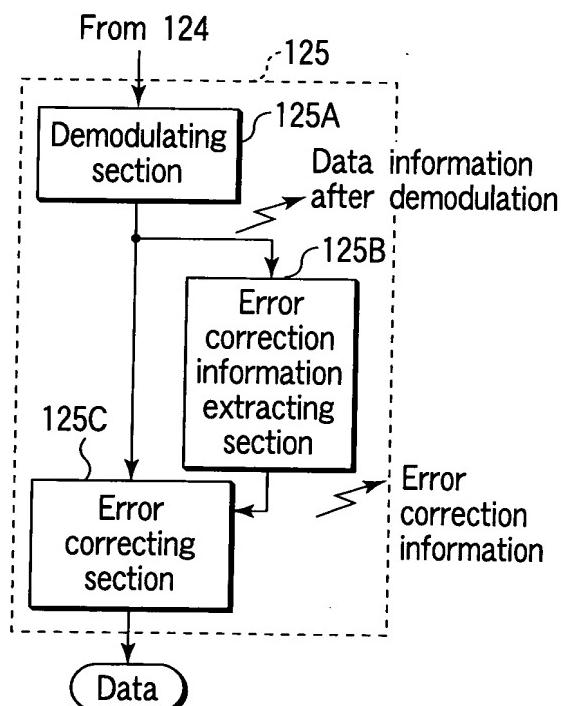
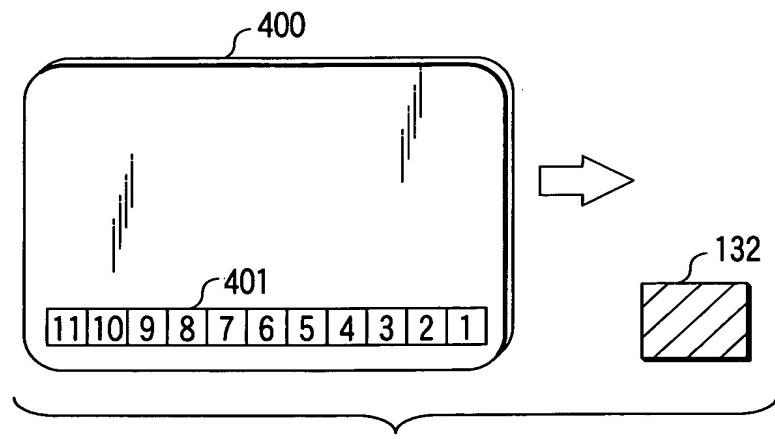
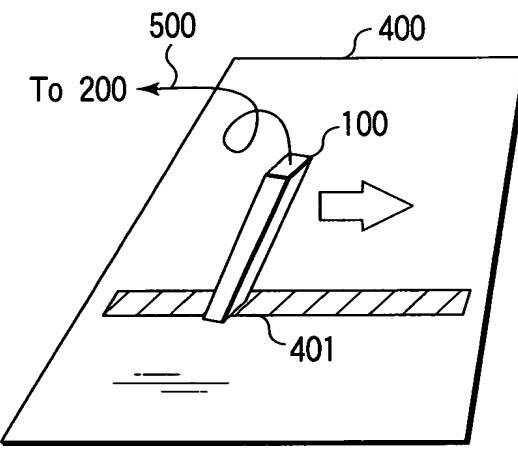
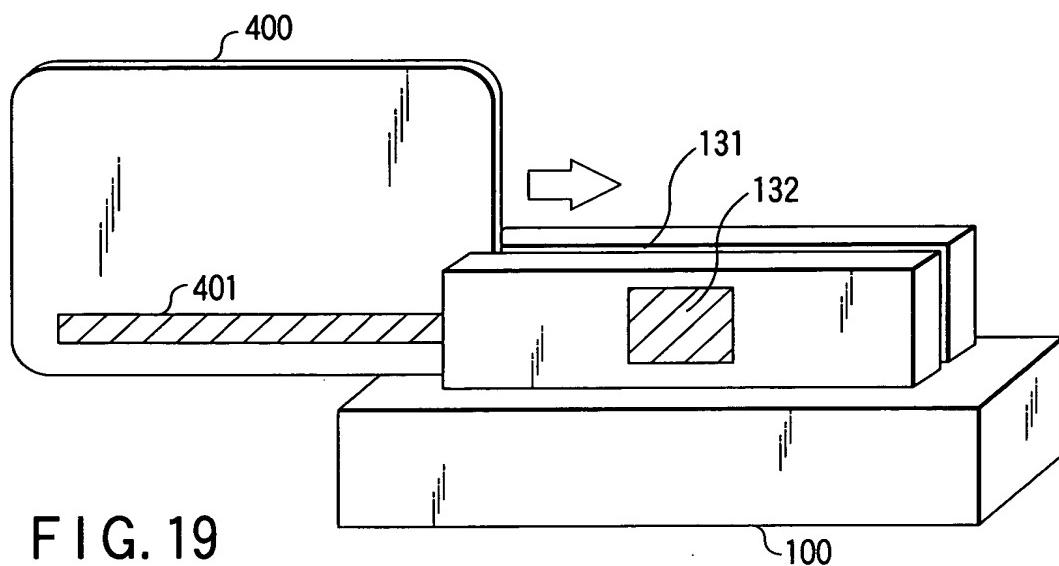


FIG. 18



8	7	6	5

Picked up image

FIG. 22

10	9	8	7

Picked up image

FIG. 23

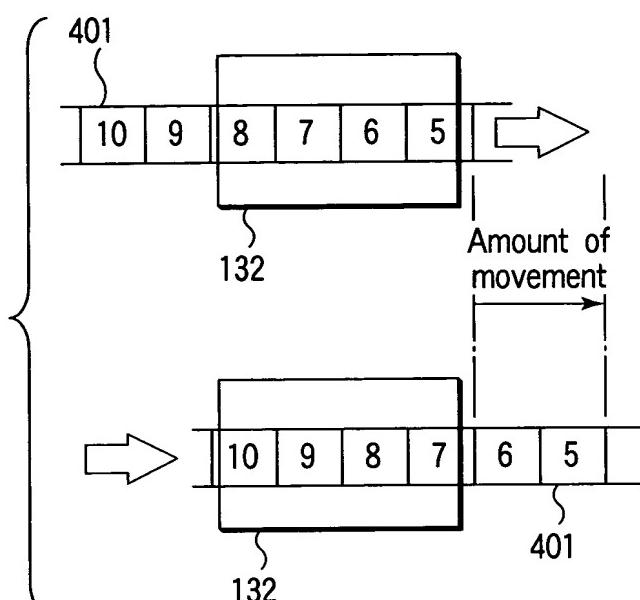


FIG. 24

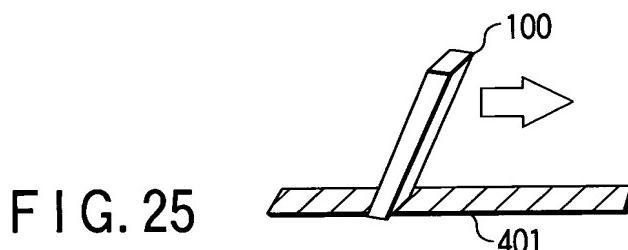
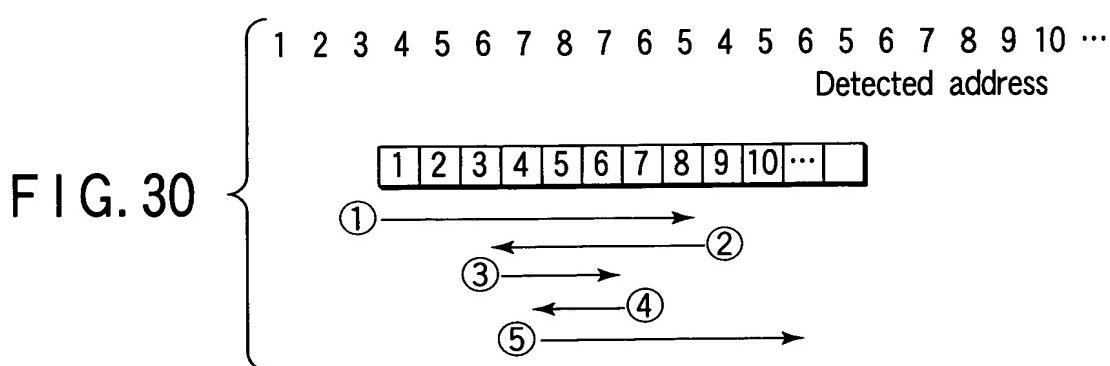


FIG. 25



20010000000000000000000000000000

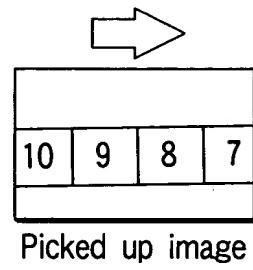


FIG. 26

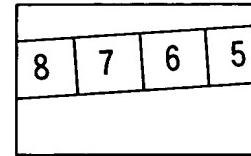


FIG. 27

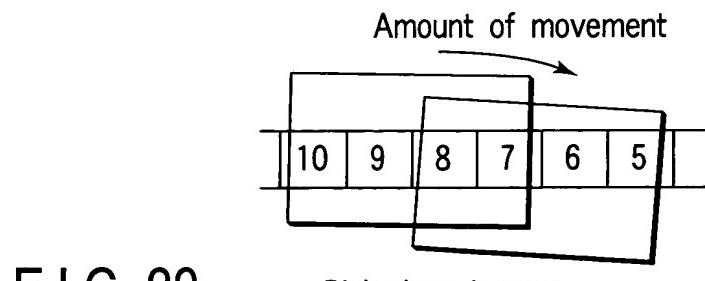
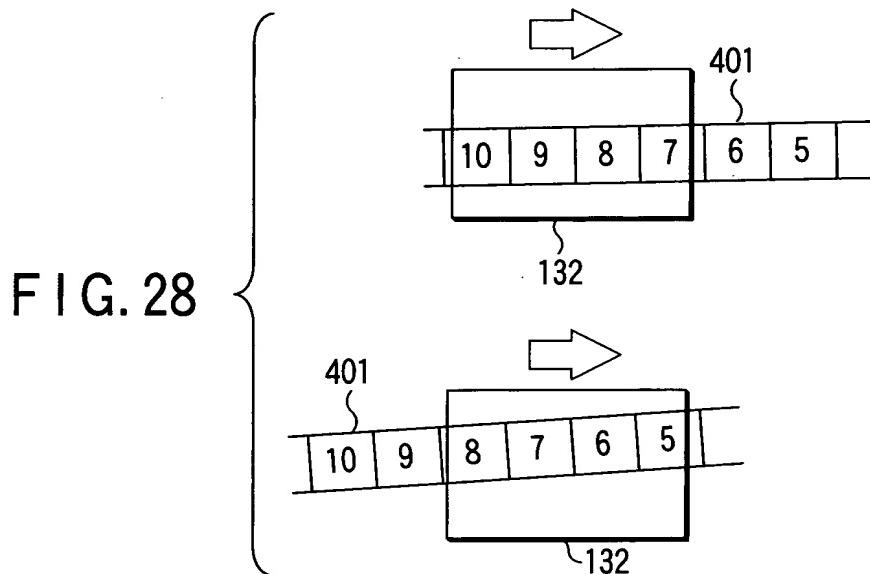


FIG. 29  
Picked up images

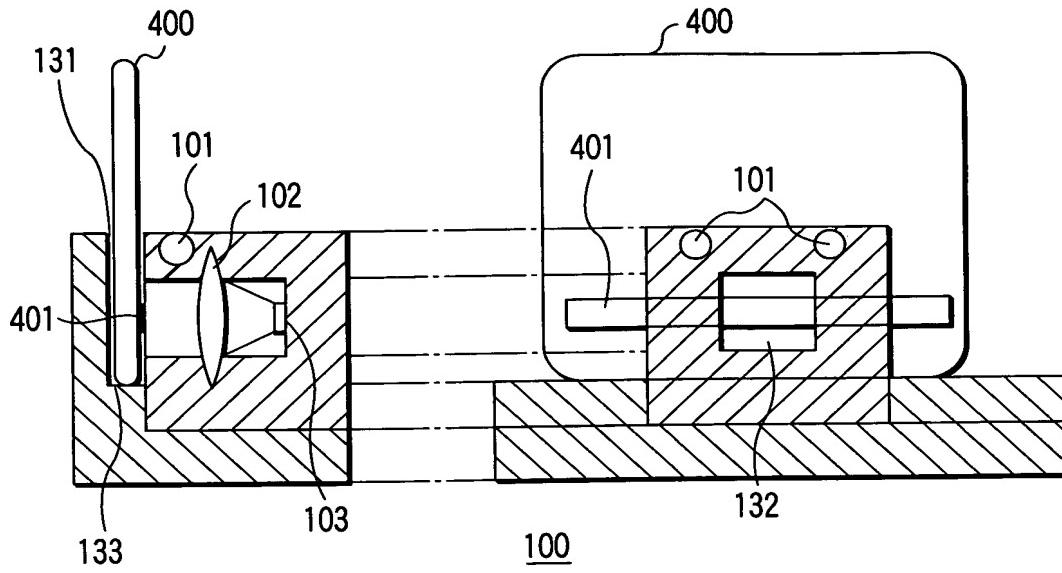
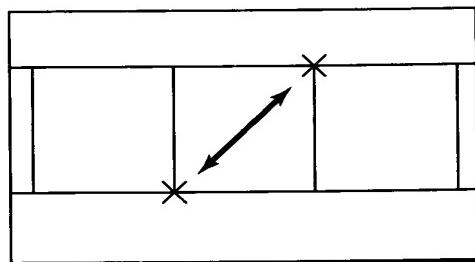


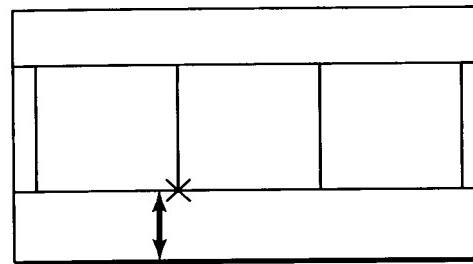
FIG. 31

40086422-030102



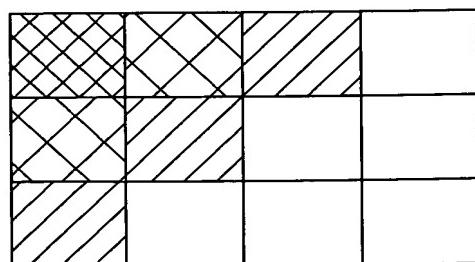
Parameter relating to  
lens magnification

FIG. 32



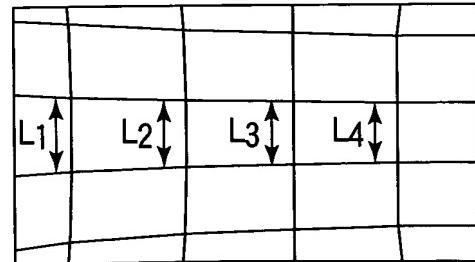
Parameter relating to  
guide position

FIG. 33



Parameter relating to  
lighting condition

FIG. 34



Parameter relating to  
distortion

FIG. 35

2010E0 "22492010"

Detected information	Acquired parameter	Parameter relating to code reading apparatus	Parameter relating to recording medium	Parameter relating to way of reading code	Parameter relating to code reading operation
Environment information	Reading environment (temperature; humidity; time; position; atmospheric pressure)	<input type="radio"/>	<input type="radio"/>		
	Power supply rising time; supply voltage			<input type="radio"/>	<input type="radio"/>
Multi-value image information	Maximum brightness (suspension, tilt; lighting intensity, sensor sensitivity; reflectivity)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Minimum brightness (suspension, tilt; lighting intensity, sensor sensitivity; reflectivity)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Average brightness (suspension, tilt; lighting intensity, sensor sensitivity; reflectivity)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Brightness distribution (suspension, tilt; lighting intensity, sensor sensitivity; reflectivity)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Average brightness of predetermined region	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Ratio of maximum brightness/minimum brightness (density)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Brightness of code components	<input type="radio"/>	<input type="radio"/>		

FIG. 36A

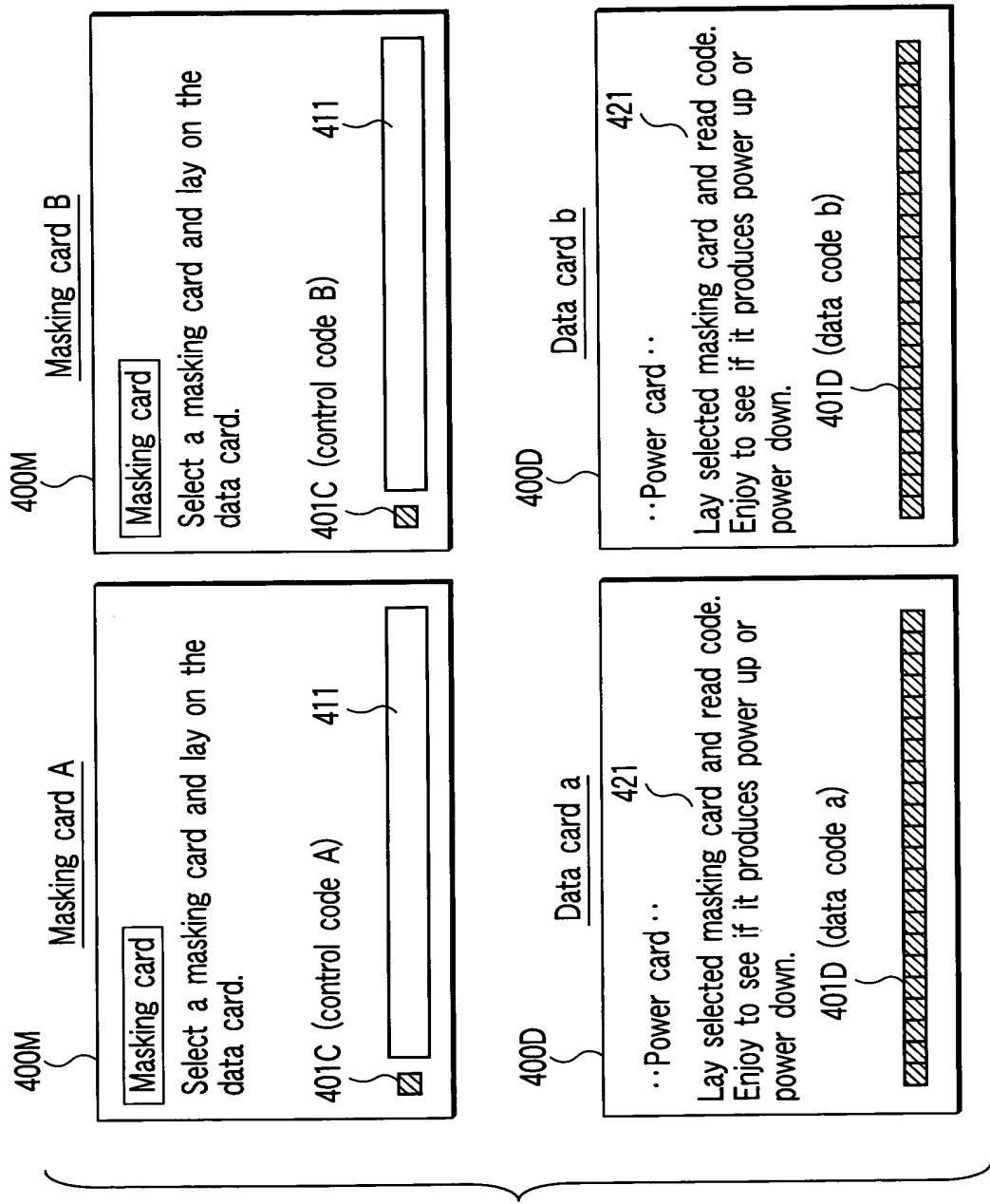
Threshold value information	Threshold value
Binarized image information	Number of black pixels Ratio of white pixels/black pixels
Information on positions, number, shape of code indexes (positioning indexes)	Code indexes detecting positions Number of detected code indexes Size of code indexes Shape of code indexes Center of gravity/center position of code indexes Intervals separating code indexes (size of code; size of block) Positional relationship of code indexes (shape of code; shape of block) Missing information of code indexes
Address information	Address Number of corrected address errors (missing address data) Positions of corrected address errors Address missing information

FIG. 36B

卷之三

- represents particularly effective parameter

FIG. 36C



F | G. 37

FIG. 38

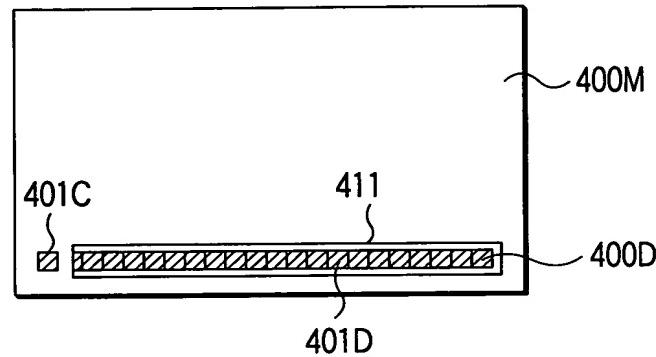


FIG. 39

Z	B	D	F	H	J
1,2	5,6	9,10	13,14	17,18	21,22
3,4	7,8	11,12	15,16	19,20	
A	C	E	G	I	

20120620-02061  
20066422-02061

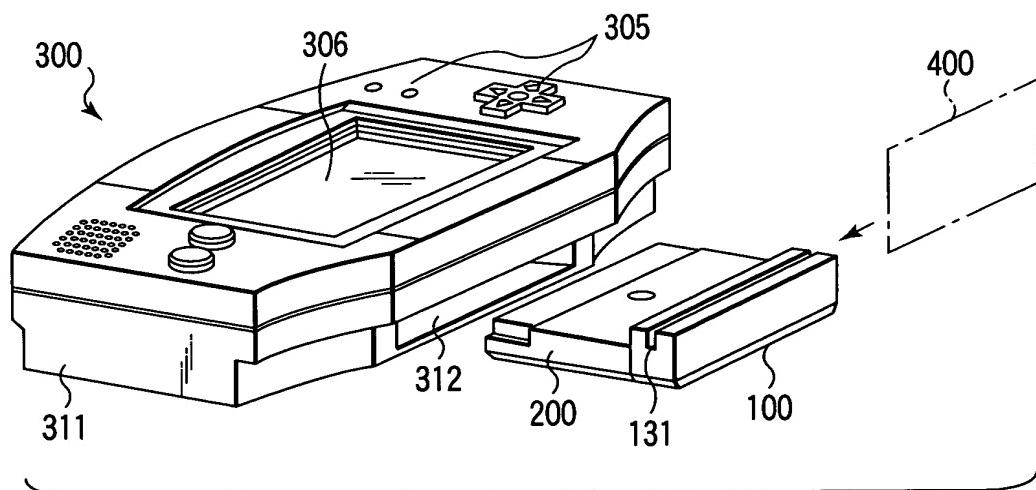


FIG. 40

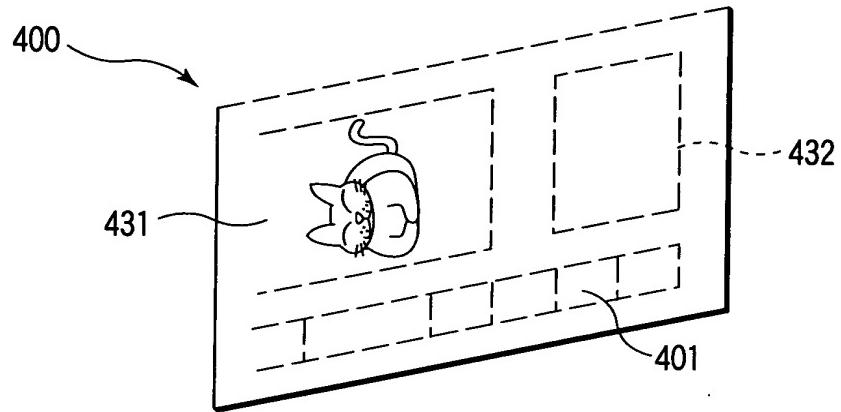


FIG. 41

Card ID	Attribute	401 Data section
---------	-----------	---------------------

- Information to be provided with randomness + plurality of pieces of information to be used for providing randomness
  - Information to be provided with randomness + program adapted to select a plurality of motions
  - Information to be provided with randomness + program adapted to handle a plurality of program parameters

FIG. 42

10026422 - 030102

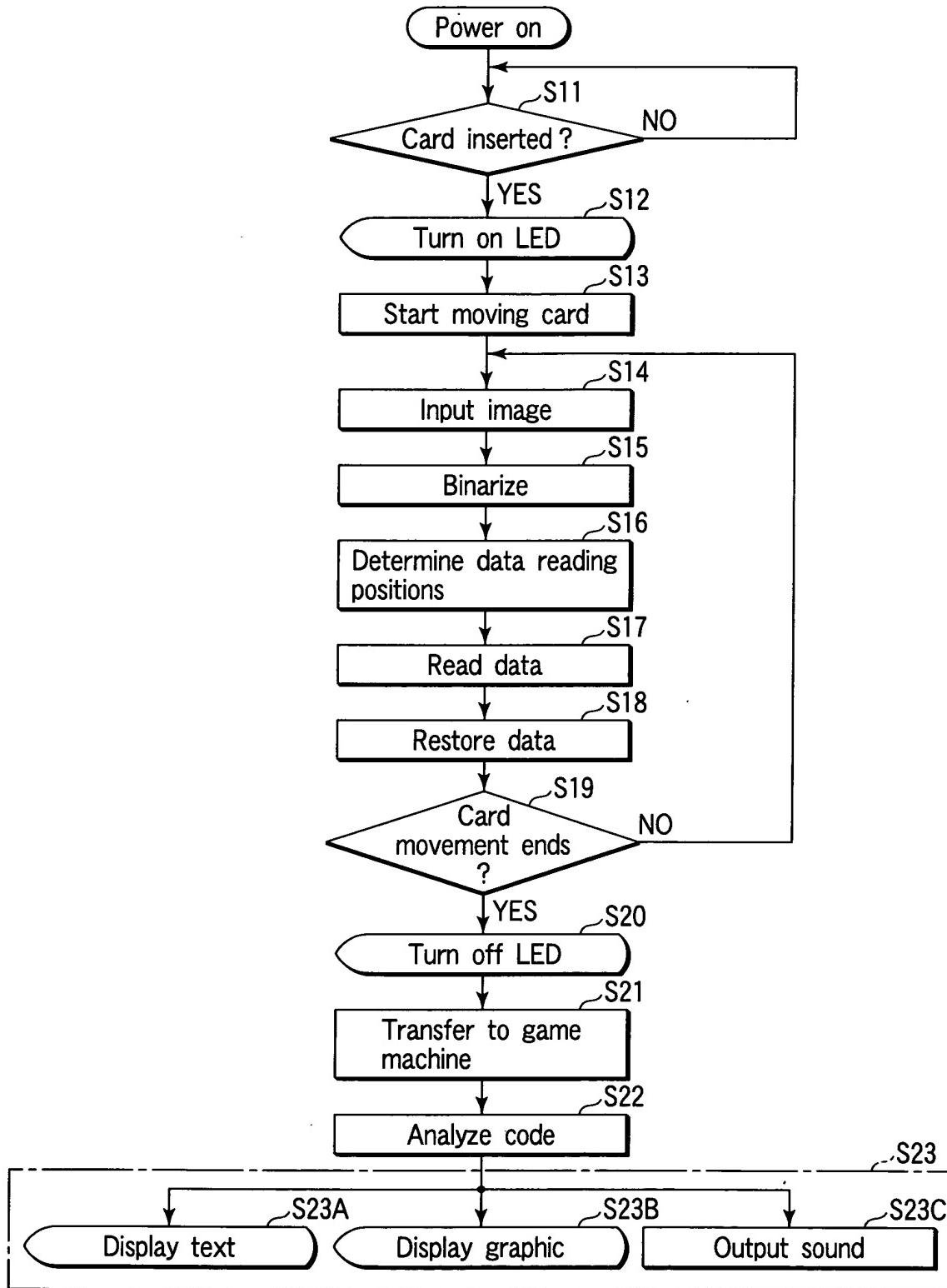


FIG. 43

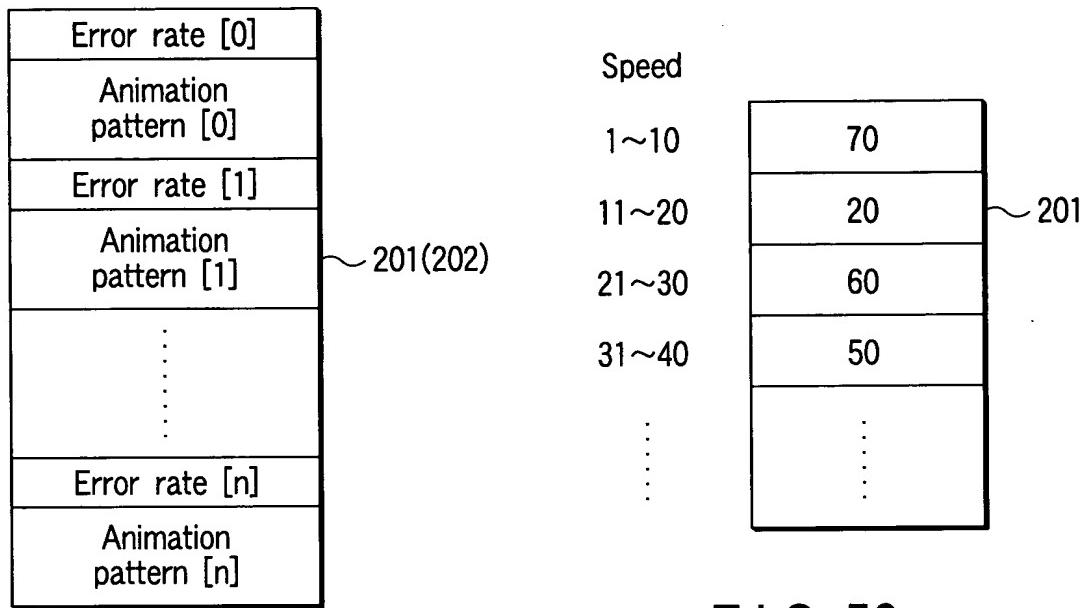


FIG. 44

FIG. 50

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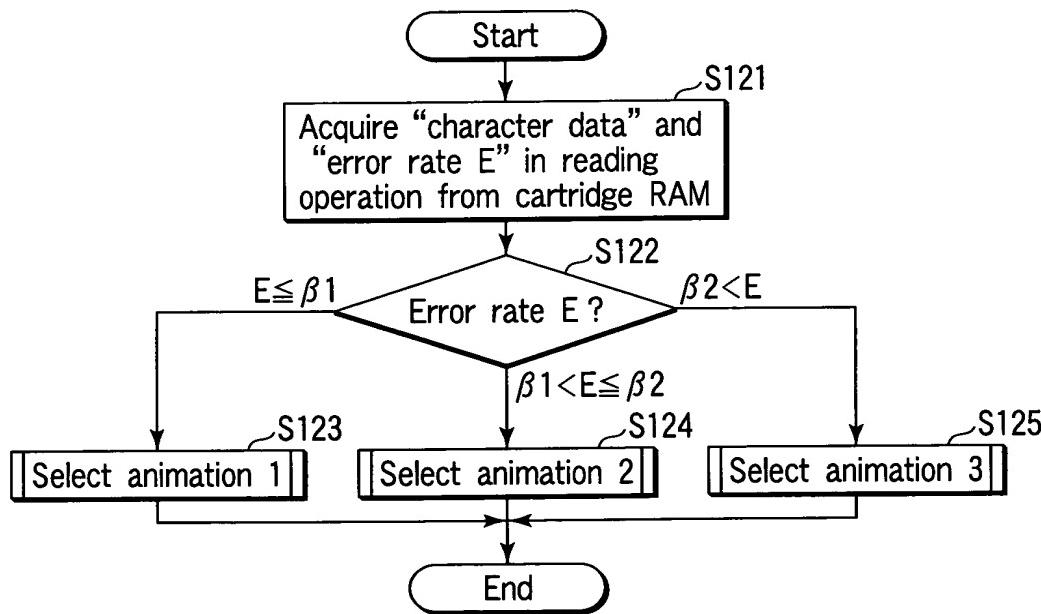
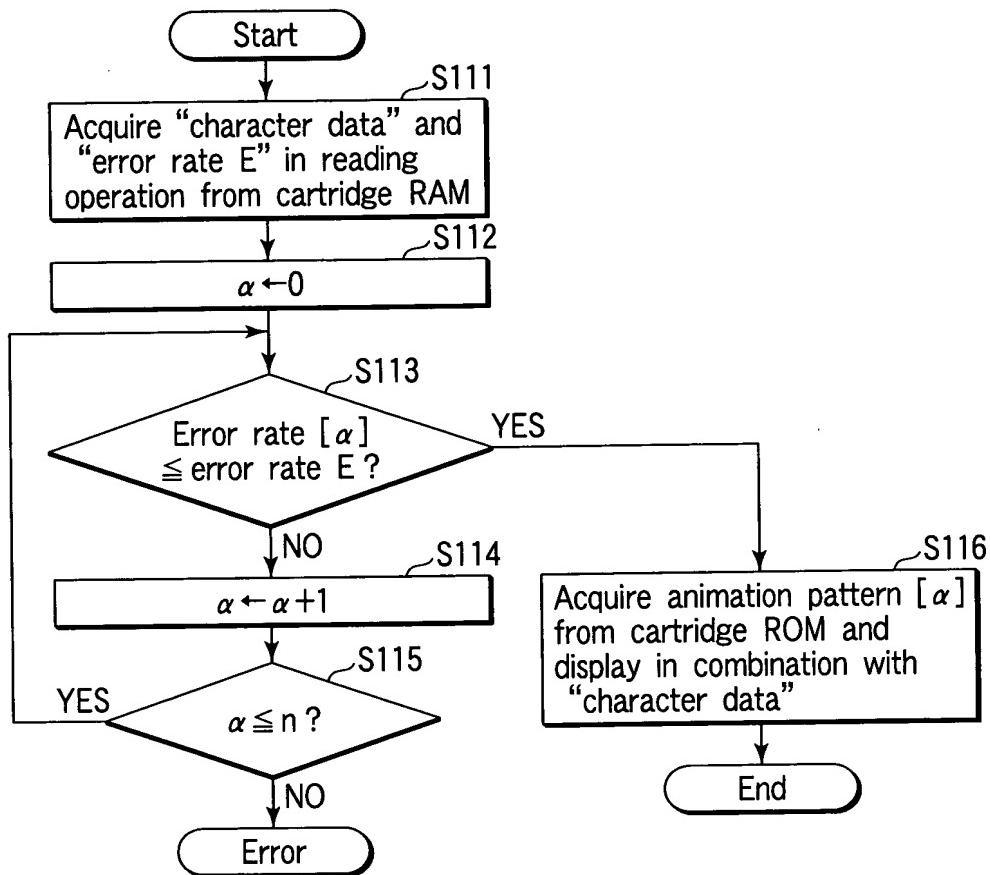


FIG. 46

2010/12/22 10:30:10



F I G. 45

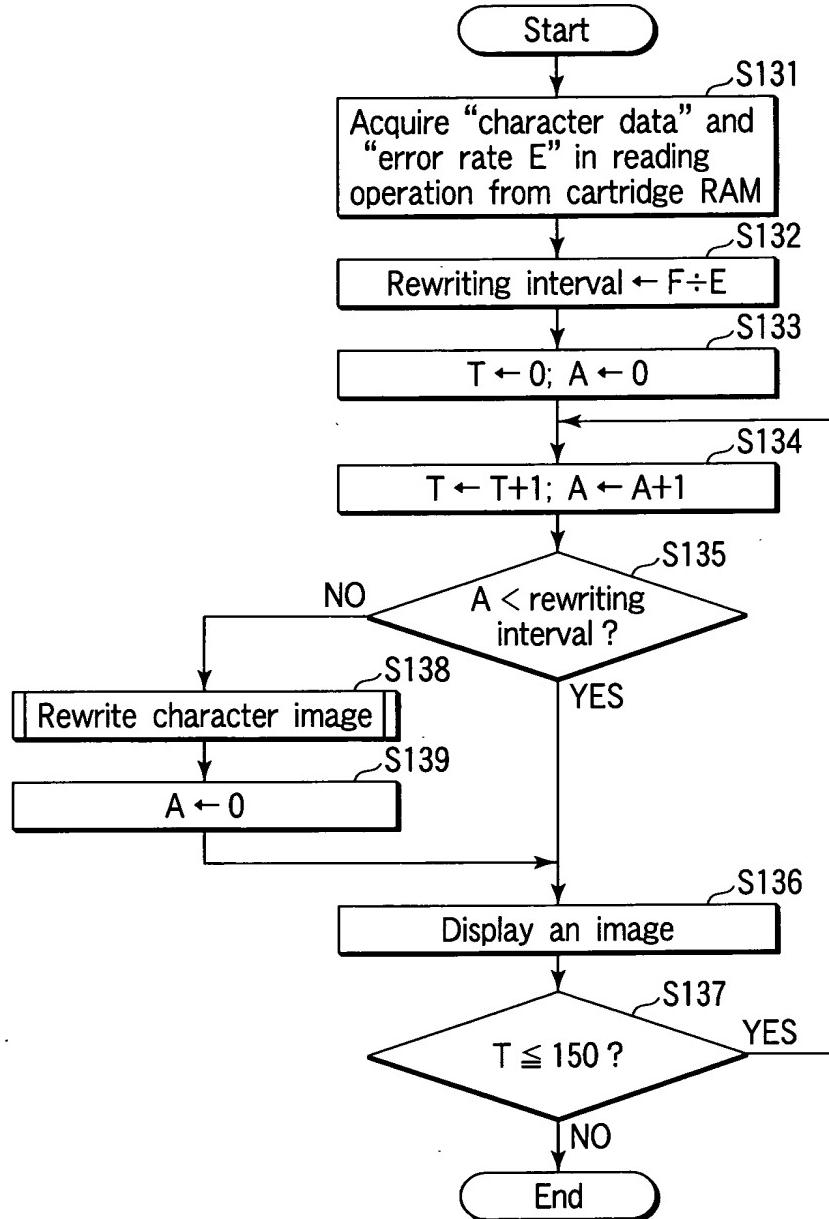


FIG. 47

1006422 - 030102

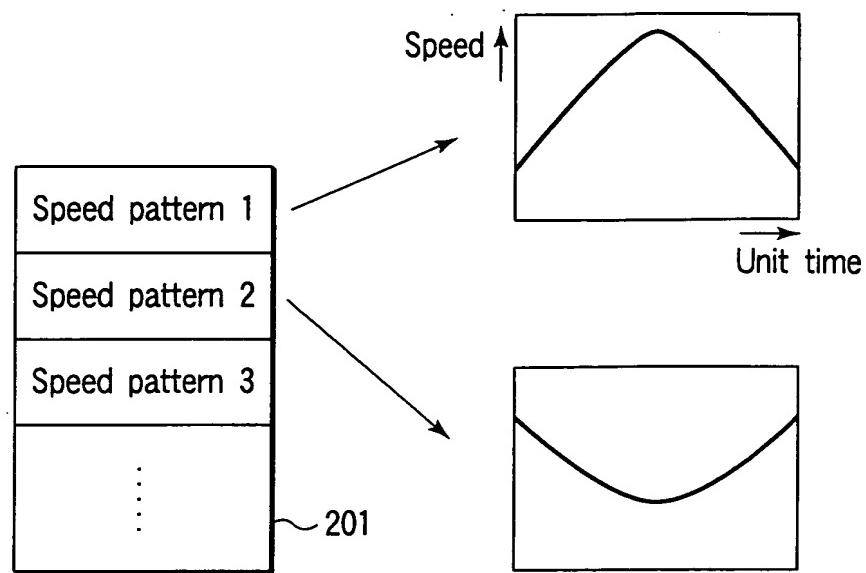


FIG. 48

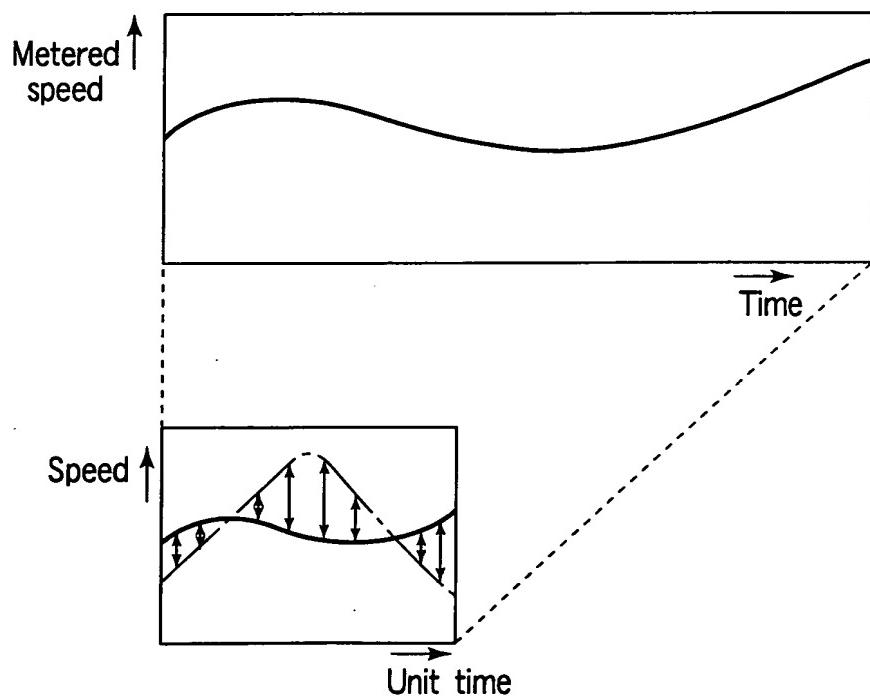


FIG. 49